

PERMITE 75

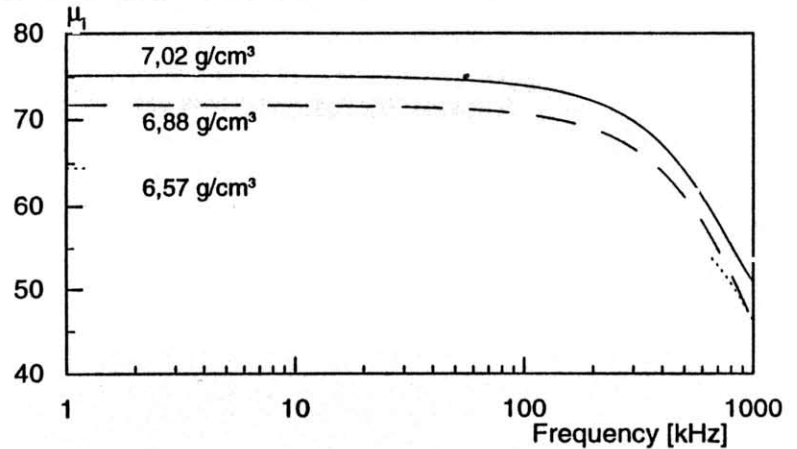
PERMITE 75 INSULATED POWDER FOR SOFT MAGNETIC APPLICATIONS

This insulated iron powder is widely used in soft magnetic applications in the production of iron powder cores.

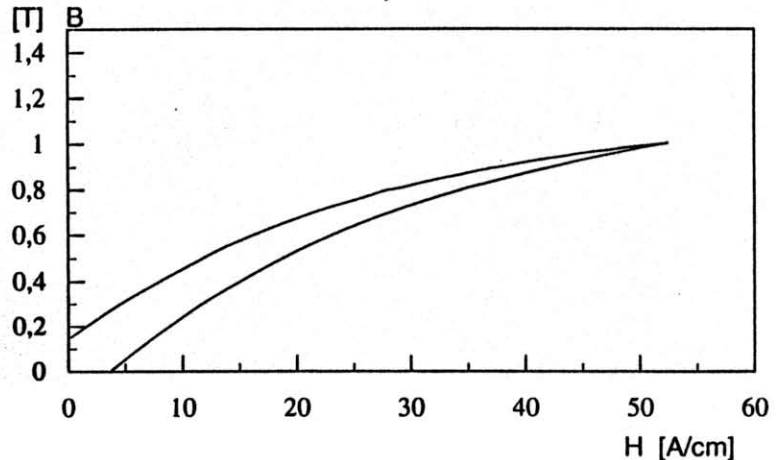
ADVANTAGES

The powder is supplied as a press-ready mix.
The distributed airgap gives flexibility in designing components.

EFFECT OF FREQUENCY ON INITIAL PERMEABILITY



HYSTERESIS CHARACTERISTICS, 500 Hz



TYPICAL PROPERTIES

Apparent Density 2.74 g/cm³
Flow 30 sec/50 g
Particle Size <150 μm

PRESS READY MIX

Green Density[†] 6.96 g/cm³
Strength^{†*} 27 N/mm²

[†] Compacting 600 MPa
^{*} Curing 150 °C 60' in air

TYPICAL DC - VALUES

μ_{max} 200
Hc 3,8 A/cm